L Number	Hits		DB	Time stamp
-	5539	1	USPAT;	2002/06/17 09:37
		((plural\$4 or multiple) with message) and	US-PGPUB;	
		network	EPO; JPO;	
			DERWENT;	
	3789	(email or (electronic adj mail) and	IBM_TDB USPAT;	2002/06/17 09:37
-	3/69	((plural\$4 or multiple) with message) and	US-PGPUB;	2002/06/17 09:37
		network) and automatic\$5	EPO; JPO;	
		necwork) and automatics	DERWENT;	
*			IBM TDB	
_	27	((email or (electronic adj mail) and	USPAT;	2002/06/17 09:58
	2 /	((plural\$4 or multiple) with message) and	US-PGPUB;	2002/00/17 09:50
		network) and automatic\$5) and (message adj	EPO; JPO;	
		signature)	DERWENT;	
			IBM TDB	
_	457	(email or (electronic adj mail) and	USPAT;	2002/06/17 10:04
	10,	((plural\$4 or multiple) with message) and	US-PGPUB;	2002,00,1, 10.04
		network) and (bulk or junk)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	0	((email or (electronic adj mail) and	USPAT;	2002/06/17 10:07
	-	((plural\$4 or multiple) with message) and	US-PGPUB;	
		network) and (bulk or junk)) and @ad<=99	EPO; JPO;	
		, , , , , , , , , , , , , , , , , , ,	DERWENT;	
			IBM TDB	
-	156	((email or (electronic adj mail) and	USPAT;	2002/06/17 12:41
		((plural\$4 or multiple) with message) and	US-PGPUB;	
		network) and (bulk or junk)) and	EPO; JPO;	
-		@ad<=19980701	DERWENT;	
			IBM_TDB	
-	35	(US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 13:25
		US-6370139-\$ or US-6366933-\$ or	US-PGPUB	
		US-6249805-\$ or US-6240088-\$ or		
		US-6199102-\$ or US-6189026-\$ or		
		US-6185603-\$ or US-6185573-\$ or		
		US-6185551-\$ or US-6161130-\$ or		
		US-6119101-\$ or US-6108691-\$ or		
		US-6092101-\$ or US-6073167-\$ or		
		US-6052709-\$ or US-6029195-\$ or		
		US-6029164-\$ or US-6029150-\$ or		
		US-6018761-\$ or US-6014644-\$ or		
		US-6009462-\$ or US-5999967-\$ or		
		US-5999932-\$ or US-5978837-\$).did. or		
-		(US-5930479-\$ or US-5905777-\$ or		
		US-5826022-\$ or US-5754939-\$ or		
1		US-5754938-\$ or US-5742769-\$ or US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.		
_	29	(US-6393465-\$ or US-6332164-\$ or	IICDAT.	2002/06/17 12:42
	29	US-6370139-\$ or US-6366933-\$ or	USPAT;	2002/00/1/ 12:42
		US-6249805-\$ or US-6240088-\$ or	US-PGPUB	
ŀ		US-6199102-\$ or US-6189026-\$ or		
1		US-6185603-\$ or US-6185573-\$ or		
	V III	US-6185551-\$ or US-6161130-\$ or   US-6119101-\$ or US-6108691-\$ or		
	ri II I	US-6092101-\$ or US-6073167-\$ or		
		US-6052709-\$ or US-6029195-\$ or	1	1
		US-6029164-\$ or US-6029150-\$ or		
		US-6018761-\$ or US-6014644-\$ or		1
		US-6009462-\$ or US-5999967-\$ or		
		US-5999932-\$ or US-5978837-\$).did. or		
		(US-5930479-\$ or US-5978837-\$).did. or		
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		119_5026022_\$ ax 119_5754020 \$ ax		
		US-5826022-\$ or US-5754939-\$ or		
		US-5826022-\$ or US-5754939-\$ or US-5754938-\$ or US-5742769-\$ or US-5619648-\$ or US-4695880-\$).did. or		

<b>-</b>	29	((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 12:43
		US-6370139-\$ or US-6366933-\$ or	US-PGPUB	
		US-6249805-\$ or US-6240088-\$ or	05 10102	
		US-6199102-\$ or US-6189026-\$ or		
	1	US-6185603-\$ or US-6185573-\$ or		
		US-6185551-\$ or US-6161130-\$ or		
		US-6119101-\$ or US-6108691-\$ or		
		US-6092101-\$ or US-6073167-\$ or		
		US-6052709-\$ or US-6029195-\$ or		
		US-6029164-\$ or US-6029150-\$ or		
		US-6018761-\$ or US-6014644-\$ or		
		US-6009462-\$ or US-5999967-\$ or		
		US-5999932-\$ or US-5978837-\$).did. or		
		(US-5930479-\$ or US-5905777-\$ or		
		US-5826022-\$ or US-5754939-\$ or		
		US-5754938-\$ or US-5742769-\$ or		
		US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.) and ((multiple or		
	0.4	plural\$4) same message)		
_	24	• • • • • • • • • • • • • • • • • • •	USPAT;	2002/06/17 12:44
	)	US-6370139-\$ or US-6366933-\$ or	US-PGPUB	
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		US-6185551-\$ or US-6161130-\$ or		
		US-6119101-\$ or US-6108691-\$ or		
		US-6092101-\$ or US-6073167-\$ or		
		US-6052709-\$ or US-6029195-\$ or		
		US-6029164-\$ or US-6029150-\$ or		
		US-6018761-\$ or US-6014644-\$ or		
		US-6009462-\$ or US-5999967-\$ or		
		US-5999932-\$ or US-5978837-\$).did. or		
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		US-5826022-\$ or US-5754939-\$ or		
		US-5754938-\$ or US-5742769-\$ or		
		US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.) and automatic\$5)		
		and (((US-6393465-\$ or US-6332164-\$ or		
	İ	US-6370139-\$ or US-6366933-\$ or		
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		US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.) and ((multiple or		
		plural\$4) same message))		
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<del>-</del>	15	((((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 12:44
		US-6370139-\$ or US-6366933-\$ or	US-PGPUB	1 2 2 2 7 2 2 2 7 1 2 2 7 1 1
		US-6249805-\$ or US-6240088-\$ or		
		US-6199102-\$ or US-6189026-\$ or		
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		US-6119101-\$ or US-6108691-\$ or		
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		US-6029164-\$ or US-6029150-\$ or		
		US-6018761-\$ or US-6014644-\$ or		
		US-6009462-\$ or US-5999967-\$ or		
		US-5999932-\$ or US-5978837-\$).did. or		
		(US-5930479-\$ or US-5905777-\$ or		
		US-5826022-\$ or US-5754939-\$ or		
		US-5754938-\$ or US-5742769-\$ or		
		US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.) and automatic\$5)		
		and (((US-6393465-\$ or US-6332164-\$ or		
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		US-6185603-\$ or US-6185573-\$ or		
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		US-6052709-\$ or US-6029195-\$ or		
		US-6029164-\$ or US-6029150-\$ or		
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		US-5754938-\$ or US-5742769-\$ or		
		US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.) and ((multiple or		
		plural\$4) same message))) and (threshold		
		or limit)	1	

-	7 ((((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 13:05
	US-6370139-\$ or US-6366933-\$ or	US-PGPUB	
i	US-6249805-\$ or US-6240088-\$ or		
	US-6199102-\$ or US-6189026-\$ or		
	US-6185603-\$ or US-6185573-\$ or		
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	US-6119101-\$ or US-6108691-\$ or		
1	US-6092101-\$ or US-6073167-\$ or		
	US-6052709-\$ or US-6029195-\$ or		
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ŀ	US-6018761-\$ or US-6014644-\$ or		
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	US-5999932-\$ or US-5978837-\$).did. or	ļ	
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i	US-5619648-\$ or US-4695880-\$).did. or		
	(US-20020016824-\$).did.) and automatic\$5)		
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	US-6009462-\$ or US-5999967-\$ or		
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1	US-5619648-\$ or US-4695880-\$).did. or		
İ	(US-20020016824-\$).did.) and ((multiple or		
	plural\$4) same message))) and threshold	i	1

 1 ((((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 12:46
US-6370139-\$ or US-6366933-\$ or	US-PGPUB	ļ
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US-6092101-\$ or US-6073167-\$ or		
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US-5999932-\$ or US-5978837-\$).did. or		
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and (((US-6393465-\$ or US-6332164-\$ or		
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US-5999932-\$ or US-5978837-\$).did. or		
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US-5619648-\$ or US-4695880-\$).did. or		
(US-20020016824-\$).did.) and ((multiple or		
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and signature		

- 4	((((((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 12:46
	US-6370139-\$ or US-6366933-\$ or	US-PGPUB	
	US-6249805-\$ or US-6240088-\$ or		
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	US-6185603-\$ or US-6185573-\$ or		
	US-6185551-\$ or US-6161130-\$ or		
	US-6119101-\$ or US-6108691-\$ or		
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1	US-6052709-\$ or US-6029195-\$ or		
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	US-5619648-\$ or US-4695880-\$).did. or		
ŀ	(US-20020016824-\$).did.) and automatic\$5)		
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	US-6185603-\$ or US-6185573-\$ or		
	US-6185551-\$ or US-6161130-\$ or		
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	plural\$4) same message))) and threshold)		
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-	1	((((((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 12:49
		US-6370139-\$ or US-6366933-\$ or	US-PGPUB	
		US-6249805-\$ or US-6240088-\$ or		
		US-6199102-\$ or US-6189026-\$ or		
		US-6185603-\$ or US-6185573-\$ or		
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		US-6119101-\$ or US-6108691-\$ or		
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		US-5619648-\$ or US-4695880-\$).did. or		
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		US-6185603-\$ or US-6185573-\$ or		
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		US-6092101-\$ or US-6073167-\$ or		
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		US-5826022-\$ or US-5754939-\$ or		
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		US-5619648-\$ or US-4695880-\$).did. or		
		(US-20020016824-\$).did.) and ((multiple or		
		plural\$4) same message))) and threshold)		
		and signature) and server) and hash		

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US-6249805-\$ or US-6240088-\$ or US-618503-\$ or US-618503-\$ or US-6185503-\$ or US-618503-\$ or US-6029150-\$ or US-6029164-\$ or US-6029150-\$ or US-6029164-\$ or US-6029150-\$ or US-6029164-\$ or US-6029150-\$ or US-6029150-\$ or US-6029150-\$ or US-6029150-\$ or US-6029150-\$ or US-6029150-\$ or US-50290987-\$ or US-5099987-\$ or	-	7	(((((US-6393465-\$ or US-6332164-\$ or	USPAT;	2002/06/17 13:05
US-6199102-8 or US-6189026-5 or US-6185603-3 or US-6185603-8 or US-6181301-\$ or US-61815101-\$ or US-61815101-\$ or US-61815101-\$ or US-602161-\$ or US-599932-\$ or US-599837-\$ or US-599932-\$ or US-597837-\$ or US-599932-\$ or US-572763-\$ or US-526202-\$ or US-5727633-\$ or US-526202-\$ or US-572763-\$ or US-526202-\$ or US-5727633-\$ or US-627613-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-527622-\$ or US-577778-\$ or US-576778-\$			US-6370139-\$ or US-6366933-\$ or	US-PGPUB	1
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		US-6014644-\$ or US-6009462-\$ or		
		US-5999967-\$ or US-5999932-\$).did. or		
		(US-5978837-\$ or US-5930479-\$ or		
		US-5905777-\$ or US-5826022-\$ or		
Ì		US-5754939-\$ or US-5754938-\$ or		
		US-5742769-\$ or US-5619648-\$ or		
		US-4695880-\$ or US-6330590-\$).did. or		
		(US-20020016824-\$ or		
		US-20020059385-\$).did.) and flag		
-	0		USPAT;	2002/06/24 14:57
			US-PGPUB;	
	1		EPO; JPO;	
	İ		DERWENT;	
			IBM TDB	
-	0	bulk same electronic adj mail adj flag	USPAT;	2002/06/24 14:58
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2	electronic adj mail adj flag	USPĀT;	2002/06/24 14:58
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
] -	28812	(electronic adj mail) or email or e-mail	USPAT;	2002/06/24 14:59
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	10	((electronic adj mail) or email or e-mail)	USPĀT;	2002/06/24 16:22
	1	with (bulk and flag)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
			IBM TDB	
-	240	((electronic adj mail) or email or e-mail)	USPĀT;	2002/06/24 15:12
		with flag	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	1	I		<del></del>

_	99	(((electronic adj mail) or email or	USPAT;	2002/06/24 15:12
		e-mail) with flag) and @ad<=19980701	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	4	((((electronic adj mail) or email or	IBM_TDB USPAT;	2002/06/24 17:02
-	4	e-mail) with flag) and @ad<=19980701) and	US-PGPUB;	2002/06/24 17:02
-		(bulk or junk)	EPO; JPO;	<u> </u>
		(balk of jank)	DERWENT;	
			IBM TDB	
_	0	20020016824.URPN.	USPAT	2002/06/24 16:19
_	1	((electronic adj mail) or email or e-mail)	USPAT;	2002/06/24 16:22
		same (bulk with flag)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	2075		IBM_TDB	2002/06/24 17:02
-	3975	digital adj signature	USPAT; US-PGPUB;	2002/06/24 17:02
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2305	(digital adj signature) and @ad<=19980701	USPAT;	2002/06/24 17:03
		(======================================	US-PGPUB;	
	1		EPO; JPO;	
1			DERWENT;	
	1		IBM_TDB	
_	763		USPAT;	2002/06/24 17:04
		@ad<=19980701) and hash	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/06/04 17 54
- 16	177	((digital adj signature) and	USPAT;	2002/06/24 17:54
		@ad<=19980701) and (one-way adj hash)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	0	((digital adj signature) and	USPAT;	2002/06/24 17:06
		@ad<=19980701) and ((one-way adj hash)	US-PGPUB;	2002/00/24 17:00
		same (mail with server))	EPO; JPO;	
			DERWENT;	
			IBM TDB	
- 11	0	((digital adj signature) and	USPAT;	2002/06/24 17:06
		@ad<=19980701) and ((one-way adj hash)	US-PGPUB;	
		same (mail same server))	EPO; JPO;	
			DERWENT;	
	_	(/digital add airmatumal ard	IBM_TDB	2002/06/24 17 06
_	0	((digital adj signature) and	USPAT;	2002/06/24 17:06
		<pre>@ad&lt;=19980701) and ((one-way adj hash) same (mail and server))</pre>	US-PGPUB; EPO; JPO;	
		Same (mail and server);	DERWENT;	
			IBM TDB	
_	78	((digital adj signature) and	USPAT;	2002/06/24 17:07
	. •	@ad<=19980701) and ((one-way adj hash) and	US-PGPUB;	, 50, 21 1, 10,
		mail)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	44	(((digital adj signature) and	USPĀT;	2002/06/24 17:09
		@ad<=19980701) and (one-way adj hash)) and	US-PGPUB;	
		threshold	EPO; JPO;	. 11
			DERWENT;	
	_	.,,,	IBM_TDB	00001001
_	0	((digital adj signature) and	USPAT;	2002/06/24 17:11
		@ad<=19980701) and ((one-way adj hash)	US-PGPUB;	1 11
		same threshold)	EPO; JPO;	
			DERWENT; IBM TDB	1.14
_	0	((specify\$4 adj change) with routine) and	USPAT;	2002/06/24 17:57
		(mail adj server) and signature	US-PGPUB;	2002/00/24 17.37
		,	EPO; JPO;	7.43
			DERWENT;	1 14
			IBM TDB	
	L	L		<u> </u>



	2	((specify\$4 adj change) with routine)	USPAT;	2002/06/24 18:00
	2	((specify\$4 ad) change) with routine)	·	2002/06/24 18:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	2.5	1.,	IBM_TDB	
-	37	(change with routine) same mail	USPAT;	2002/06/24 18:01
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	( (	USPAT;	2002/06/24 18:02
		@ad19980701	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	52	server with change with routine	USPAT;	2002/06/25 15:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	7	(server with change with routine) and	USPAT;	2002/06/25 15:09
		((electronic adj mail) or email or e-mail)	US-PGPUB;	2002,00,20 10.03
		((orodronio daj mari) or cinari or c mari)	EPO; JPO;	
ĺ			DERWENT;	
			IBM TDB	1
-	1	("20020016916").PN.	USPAT;	2002/06/26 15:06
	-	\ 20020010310 \\ \.\.	US-PGPUB;	2002/00/20 13:00
			EPO; JPO;	
			DERWENT;	
	1	(	IBM_TDB	0000 /06 /06 15 01
_	1	(remote adj server) same (message adj	USPAT;	2002/06/26 15:31
		signature)	US-PGPUB;	]
			EPO; JPO;	
ĺ			DERWENT;	
			IBM_TDB	
-	33	(remote adj server) same signature	USPAT;	2002/06/26 15:31
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	9	((remote adj server) same signature) and	USPAT;	2002/06/26 15:32
		@ad<=19980701	US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	1